Index of Claims

| Application | /Control I | ۷o. |
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09/746,174

Applicant(s)/Patent under Reexamination

MACLELLAN, CHRISTOPHER

S.

Art Unit

Examiner

Stephen M. Baker

2133

√ Rejected= Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim         | Date     |                 |          |                    | ]        | Cla      | aim       |  | Date   |                        |          |  |                 | CI           | aim  | Date     |                 |               |         |            |          |          |   |           |              |                    |                  |
|--|-------------|----------|-----------------|----------|--------------------|----------|----------|-----------|--|--------|------------------------|----------|--|-----------------|--------------|--|----------|-----------------|---------------|---------|------------|----------|----------|---|-----------|--------------|--------------------|------------------|
| 1  | <del></del> | ļ.,      | Π               | Т        | T                  | T        | T        | $\Box$    |  |        |                        | 777      |  | $\prod$         |              | Π  |          | П               |               |         |            |          | T        | Т   | T         | П            | [-]                | $\top$           |
| Final  | Original    | 9/30/02  |                 |          |                    | - [      | - 1      |           |  |        | Final                  | Original |  |                 |              |  |          |                 |               | Final   | Original   |          |          |   |           | 1            |                    |                  |
| Œ  | Ĕ           | 8        |                 |          | - 1                |          |          |           |  |        | Œ                      | 꽃        |  |                 |              |  |          |                 |               | ᄩ       | , Yi       |          |          |   |           |              |                    |                  |
|  |             | Ë        | Ш               |          | $\bot$             |          | [        |           |  | _      |                        |          | oxed   | Ш               | $\perp$      | Ш  |          |                 |               |         |            |          |          | $\perp$   | L         | L            |                    | $\perp$          |
|  | 1_          | L        | Ш               | _[       | $\perp$            | _[       | _[       | _[        |  | _      |                        | 51       | $\Box\Box$                                       | Ш               | 丄 ̄          | $\Box$   |          |                 |               |         | 101        |          | $\Box$   |   |           |              | Ш                  | $\perp$          |
|  | 2           | <u> </u> | Ш               | 4        | 4                  | 4        | _        | _         | _  | _      |                        | 52       | $\sqcup \!\!\! \perp$                            | $\sqcup$        |              | Ш  |          | Ш               |               |         | 102        | _        | _        | ┖   | 1         | L            | Ш                  | $\perp$          |
|  | 3           | <u> </u> | $\sqcup$        | 4        | 4                  | 4        | _        |           |  | 4      |                        | 53       | $\vdash$   | $\sqcup$        |              | $\sqcup \bot$  |          | Ш               |               |         | 103        | _        | _        | $\perp$   | $\perp$   | 1_           |                    | $\dashv$         |
| L  | 4           | <u> </u> | Н               | $\dashv$ | 4                  | -        | _        | _         | _  | 4      |                        | 54       | <del>                                     </del> | $\sqcup$        | _            | Ш  |          |                 |               |         | 104        | _        | _        | $\perp$   | $\perp$   | <u> </u>     |                    | $\dashv$         |
| <u> </u>   | 5           | <u> </u> | Н               | $\dashv$ | -+                 | -        | -        | _         | +  | -      |                        | 55       |  | $\vdash$        | _            | $\vdash \vdash$  | _        | Ш               |               |         | 105        |          | _        | 4   | $\perp$   | ļ.,          | _                  | $\dashv$         |
| 1  | 6           | =        | Н               | 4        | -                  | -        | $\dashv$ | -         | _  | -      |                        | 56       | $\vdash\vdash$                                   | $\vdash \vdash$ | +            | $\vdash$   | +        | Н               |               |         | 106        | _        | _        | _   | +         | 1_           | Ш                  | +                |
| 2  | 7           | =        | H               | +        | +                  | +        |          | -         |  | -      |                        | 57       | ├-   | ┝╌┼             | +            |  | -        | Н               |               |         | 107        | $\dashv$ | -        | +   | +         | ₽            | -                  | $\dashv$         |
| _  | 8<br>9      | ⊢        | $\vdash$        | $\dashv$ | +                  | $\dashv$ | $\dashv$ | -         | +  | -      | <u> </u>               | 58<br>59 | <del> -  -</del>                                 | <del>-</del>    |              | ₽  | +        | Н               |               |         | 108<br>109 | $\dashv$ | $\dashv$ | +   | +         | ⊢            | $\vdash \vdash$    | +                |
| ├──  | 10          | ├        | $\vdash$        | +        | $\dashv$           | $\dashv$ | $\dashv$ | $\dashv$  | +  | ┨      |                        | 60       | <del>                                     </del> | $\vdash$        | +            |  | +        | Н               |               |         | 110        |          | +        | +   | ╁╌        | 1            | Н                  | +                |
| <del> </del>                                     | 11          | -        | $\vdash$        | +        | $\dashv$           | $\dashv$ | $\dashv$ | $\dashv$  | -+-  | -      |                        | 61       |  | $\vdash$        | +-           | $\vdash$   | +        | Н               |               |         | 111        | $\dashv$ |          | +-  | +         | ┢            | H                  | <del></del>      |
| <del>                                     </del> | 12          | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$           | $\dashv$ | -+       | $\dashv$  | +  | 1      | _                      | 62       | <del>                                     </del> | $\vdash$        | +            | <del>   </del>   |          | Н               |               |         | 112        | $\dashv$ | +        | +   | +         | +            | $\vdash \vdash$    | +                |
|  | 13          | -        | $\vdash$        | +        | +                  | $\dashv$ | -+       | +         | +  | 1      | $\vdash$               | 63       | <del>                                     </del> | $\vdash$        | +            | $\vdash$   | +        | $\vdash$        |               | -       | 113        | $\dashv$ | -+       | +   | +         | ╁╌           | $\vdash \vdash$    | +                |
|  | 14          | -        | $\vdash$        | $\dashv$ | $\dashv$           | $\dashv$ | +        | $\dashv$  | +-   | 1      |                        | 64       | $\vdash\vdash$                                   | <del>   </del>  | +-           | $\vdash$   | $\dashv$ | Н               |               | <b></b> | 114        | $\dashv$ | $\dashv$ | +   | +         | ╁            | $\vdash$           | +                |
|  | 15          |          | H               | $\top$   | $\dashv$           | $\neg$   | $\dashv$ | 寸         |  | 1      | $\Box$                 | 65       | $\vdash$   | $\vdash$        | +-           | $\vdash$   | $\top$   | Н               |               |         | 115        | $\dashv$ | +        | +   | +         | t            | Н                  | +                |
|  | 16          |          | $\Box$          | $\dashv$ | T                  |          | _        | 寸         | $\top$   | 1      |                        | 66       |  | $\vdash$        | $\top$       | $\vdash$   | $\dashv$ | Н               |               |         | 116        | $\dashv$ | $\top$   | +   | $\dagger$ | T            | $\vdash$           | $\dashv$         |
|  | 17          |          | П               | $\top$   | 寸                  |          | 1        | T         | $\dashv$   | 1      |                        | 67       | $\sqcap$   | 一               | $\top$       | $\sqcap$   |          | П               |               |         | 117        | $\dashv$ | +        | $\top$  | T         | T            | H                  | $\top$           |
|  | 18          |          |                 | $\top$   | $\dashv$           |          | 寸        | 寸         |  | 7      |                        | 68       |  |                 |              |  | $\top$   | П               |               |         | 118        | $\neg$   | $\neg$   | $\top$  | †         | T            | П                  | _                |
|  | 19          |          | П               | 丁        | 寸                  | T        | 寸        | 1         | $\neg$   | 7      |                        | 69       |  |                 |              |  |          | П               |               |         | 119        | $\neg$   | 十        | $\neg$  | 1         | 1            | П                  | $\top$           |
|  | 20          |          |                 |          |                    |          |          |           |  |        |                        | 70       |  |                 |              |  | 1        | П               |               |         | 120        |          | 十        | $\top$  | 1         |              | П                  |                  |
|  | 21          |          |                 |          |                    |          |          |           |  |        |                        | 71       |  |                 |              |  |          |                 |               |         | 121        |          | $\neg$   | T   |           |              |                    | $\exists \vdash$ |
|  | 22          |          | Ш               |          |                    |          |          |           | $oldsymbol{\perp}$   |        |                        | 72       |  |                 |              |  |          |                 |               |         | 122        |          |          | Τ   |           |              |                    |                  |
|  | 23          |          |                 | $\perp$  | _                  | _        |          | _         | $\perp$  |        |                        | 73       |  | $\Box \bot$     |              |  |          | Ш               |               |         | 123        |          |          | $\perp$   |           |              |                    |                  |
|  | 24          | ᆫ        |                 | _        | $\perp$            | $\perp$  | 4        | _         | _  | _      |                        | 74       | oxdot  |                 |              | Ш  |          | Ш               |               |         | 124        |          |          |   |           | L            | Ш                  |                  |
|  | 25          |          | $\sqcup$        | 4        | -                  | 4        | 4        | _         | _  | 4      |                        | 75       |  |                 |              | $\sqcup \downarrow$  | $\bot$   | Щ               |               |         | 125        | _        | $\perp$  | $\bot$  | _         | ╙            | Ш                  | ightharpoonup    |
|  | 26          |          | $\sqcup$        |          | 4                  | $\dashv$ | -        | $\dashv$  | -  | -      |                        | 76       |  | -               |              | $\vdash$   |          | Щ               |               |         | 126        | 4        |          | _   | <u> </u>  | _            | Ш                  | $\dashv$         |
|  | 27          | _        | $\vdash$        | +        | +                  | $\dashv$ |          | $\dashv$  |  | -      |                        | 77       |  | $\vdash$        |              | -  | _        | Ш               |               |         | 127        | _        | _        |   | ╄         |              |                    | $\dashv$         |
|  | 28          |          | $\vdash$        | +        | +                  | $\dashv$ | 4        |           |  | -      | $\vdash$               | 78       | $\vdash$   |                 | +            | $\vdash$   | 4-       | Н               |               |         | 128        | $\dashv$ | +        | +   |           | lacksquare   | Щ                  | +                |
|  | 29<br>30    |          | -               | +        | $\dashv$           | $\dashv$ | $\dashv$ | $\dashv$  | +  | -      |                        | 79       | <b></b>  | $\vdash$        |              | $\vdash$   |          | Н               |               |         | 129        | -        | -        | +   | ╀         | <del> </del> | Н                  | +                |
|  | 31          |          | $\dashv$        | $\dashv$ | $\dashv$           | $\dashv$ | $\dashv$ | $\dashv$  | +  | -      | $\vdash$               | 80<br>81 | <del></del>                                      | Н-              |              | <del>   </del>   | +        | $\vdash$        |               |         | 130        | $\dashv$ |          | +   | ┼-        | ⊢            | Н                  | -                |
|  | 32          | _        | $\vdash$        | +        | +                  | $\dashv$ | $\dashv$ | $\dashv$  | +  | -      | $\vdash\vdash\dashv$   | 82       | $\vdash$   | -               | +-           | $\vdash$   | +        | $\vdash \vdash$ |               |         | 131<br>132 | $\dashv$ | +        | +   | ╁-        | $\vdash$     | $\vdash \vdash$    | +                |
| _  | 33          |          | $\dashv$        | +        | +                  | +        | $\dashv$ | $\dashv$  | +  | -      | ┢═┪                    | 83       | $\vdash\vdash$                                   | $\vdash$        | +-           | $\vdash$   | +        | ├┤              |               |         | 132        | $\dashv$ | +        | +   | +         | $\vdash$     | $\vdash$           |                  |
|  | 34          |          | $\dashv$        | +        | +                  | $\dashv$ | $\dashv$ | $\dashv$  | +  | ┧      | $\vdash$               | 84       | $\vdash$   | $\vdash$        |              | $\dashv$   | +        | $\vdash \vdash$ |               |         | 134        | $\dashv$ | +        | +   | ╁╌        | $\vdash$     | $\vdash$           | -+-              |
|  | 35          |          | $\dashv$        | +        | +                  | $\dashv$ | $\dashv$ | $\dashv$  | +  | ┧      | $\vdash$               | 85       | $\vdash\vdash$                                   | <del>   -</del> | +-           | $\dashv$   | +        | Н               |               |         | 135        | $\dashv$ | +        | +   | ╁         | $\vdash$     | $\vdash \vdash$    | +-               |
|  | 36          |          | $\dashv$        | $\top$   | $\dashv$           | $\dashv$ | 十        | $\dashv$  | $\dashv$   | 1      | $\vdash \vdash \vdash$ | 86       |  | -               |              | +  | +        | H               |               |         | 136        | $\dashv$ | +        | +   | +         | $\vdash$     | $\vdash$           | +                |
|  | 37          |          | $\dashv$        | _        | 十                  | 7        | 十        | _         | $\top$   | 1      | $\vdash$               | 87       |  | +               | $\top$       | +  | +        | Н               |               | -       | 137        |          | +        | +   | +         | $\vdash$     | $\vdash$           |                  |
|  | 38          |          | $\dashv$        | $\top$   | +                  | $\dashv$ | 7        | $\dashv$  | $\top$   | 1      | $\Box$                 | 88       |  | $\vdash$        | 1            |  | $\top$   | H               |               |         | 138        | $\dashv$ | +        | +   | +-        | $\vdash$     | $\vdash$           | +                |
|  | 39          |          |                 | $\top$   | $\dashv$           | T        | _        | 寸         | $\neg \vdash$  | 1      |                        | 89       |  |                 | $\top$       | $\top$   |          | Н               |               |         | 139        | 十        | 十        | 十   | 1         | 1-           | $\dashv$           | +                |
|  | 40          |          |                 |          |                    |          |          | _         |  |        |                        | 90       |  |                 | $\top$       | $\neg$   |          | Н               |               |         | 140        | $\dashv$ | _        | $\top$  | 1         |              | $\dashv$           | _                |
|  | 41          |          |                 |          | l                  |          |          |           | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |        |                        | 91       |  |                 |              |  |          |                 |               |         | 141        | 7        | $\top$   | $\top$  | $\top$    | П            |                    | $\top$           |
|  | 42          |          | $\bot I$        | Ţ        | $oldsymbol{\perp}$ | $\perp$  | $\Box$   | $\Box$    |  |        |                        | 92       |  |                 | $\mathbf{L}$ |  | $\perp$  |                 |               | 1       | 142        |          | _        |   | T         | П            |                    | $\neg$           |
|  | 43          |          |                 | $\perp$  | $\perp$            | $\perp$  | $\bot$   | $\perp I$ |  |        |                        | 93       |  |                 |              |  |          |                 |               |         | 143        |          |          | $\perp$   | $\Gamma$  |              |                    |                  |
|  | 44          |          | _               | $\perp$  | $\perp$            | _        | _        |           |  | 1      |                        | 94       |  |                 |              | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |          |                 | [             |         | 144        | $\Box$   | floor    | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |           |              |                    | I                |
|  | 45          | Ц        | _               | $\perp$  | $\downarrow$       | _        |          |           | $\perp$  | 4      |                        | 95       |  | $\perp$ L       |              | $\perp$  |          |                 | [             |         | 145        |          |          | $\perp$   |           |              |                    |                  |
|  | 46          | _        | _               | $\bot$   | _                  | 4        | 4        | _         |  |        |                        | 96       | $\sqcup \sqcup$                                  |                 | 4            | _  | $\perp$  |                 |               |         | 146        |          | $\perp$  | Ĺ   |           |              |                    |                  |
|  | 47          |          | $\dashv$        | $\perp$  | $\perp$            | 4        | $\dashv$ | _         | _  | 4      | $\Box$                 | 97       |  | $\perp$         | 4            | $\bot$   | $\bot$   | Щ               | 1             |         | 147        |          |          | 1   |           |              | [                  |                  |
|  | 48          | 4        | -               | _        | +                  | +        | -        | +         | +  | 4      |                        | 98       | $\Box$   |                 | +            | $\perp$  | $\perp$  | Щ               |               |         | 148        |          | 4        | $\perp$   | _         | Ш            | $\perp \downarrow$ |                  |
| -  | 49          | -        | +               | +        | +                  | +        | +        | $\dashv$  | +  | 4      |                        | 99       | -  |                 | +-           | _  | +        | Щ               | :::: <b>.</b> |         | 149        | $\perp$  |          | _   |           | $\sqcup$     | _                  | $\bot$           |
|  | 50          |          |                 | L        |                    |          | 丄        |           |  | ]::::: |                        | 100      | لبليا  |                 | Ш.           |  | Ш.       | اللــا          | ::::[         |         | 150        | [        |          |   | 1         |              |                    |                  |